**DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION** ☐ Substitute Supplemental As a below named inventor. I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled COMBINATIONS OF A CATHEPSIN K INHIBITOR AND A BISPHOPHONATE IN THE TREATMENT OF BONE METASTASIS, TUMOR GROWTH AND TUMOR-INDUCED BONE LOSS the specification of which: is attached hereto. was filed on as Application No. (day/month/year) and, if this box (□) contains an × was amended on (day/month/year) was filed as Patent Cooperation Treaty international Application No.  $|\mathbf{x}|$ PCT/EP2004/008107 20.07.2004 on (day/month/year) and, if this box ( ) contains an \* entered the national stage in the United States and was accorded Application No. and, if this box ( ) contains an \*

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

was amended, subsequent to entry into the national stage, on

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

(day/month/year)

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIMED			
				Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No -
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:						
APPLICATION NO.		FILING DATE (day/month/year)				
60/488925		21/07/2003				

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States	United States	Status (Pending,	International	
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
''	(day/month/year)	Patent No.)		(day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box ( $\square$ ) contains an x  $\boxtimes$ , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Johann ZIMMERMANN		
Inventor's signature	Johann Limmermann	Date a	25/01/06 (day/month/year)
Residence	79424 Auggen, Germany		
Citizenship	citizen of Germany		
Post Office Address	Oberdorfstrasse 8 79424 Auggen Germany		
Full name of second joint inventor, if any	Carsten GOESSL	,	
Inventor's signature		Date	(day/month/year)
Residence			
Citizenship	citizen of Germany		
Post Office Address			

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION Substitute Supplemental  $\boxtimes$ Original As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled COMBINATIONS OF A CATHEPSIN K INHIBITOR AND A BISPHOPHONATE IN THE TREATMENT OF BONE METASTASIS, TUMOR GROWTH AND TUMOR-INDUCED BONE LOSS the specification of which: is attached hereto. as Application No. was filed on (day/month/year) and, if this box ( ) contains an x was amended on (day/month/year) was filed as Patent Cooperation Treaty international Application No. X 20.07.2004 PCT/EP2004/008107 (day/month/year) and, if this box (□) contains an × entered the national stage in the United States and was accorded Application No. and, if this box (□) contains an × was amended, subsequent to entry into the national stage, on 

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(day/month/year)

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	P	RIORIT	Y CLA	IMED
		•		Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:						
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1	United States	ates United States Status (Pending,		International		
1	Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date	
	, фриосион чес	(day/month/year)	Patent No.)	, ,	(day/month/year)	

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Full name of sole or first joint inventor	Johann ZIMMERMANN		
Inventor's signature		Date .	(day/month/year)
Residence	79424 Auggen, Germany		,
Citizenship	citizen of Germany		
Post Office Address	Oberdorfstrasse 8 79424 Auggen Germany		
Full name of second joint inventor, if any	Carsten GOESSL		/
Inventor's signature	Can M	Date —	3/1/2m/2006 (day/month/year)
Residence	Simi Valley, CA 93065, USA		
Citizenship	citizen of Germany		
Post Office Address	2683 Night Jasmine Drive, Simi Valley, CA 93065, USA		

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.